

REPORT

INFORMATION REPORT

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 24 MAY 50

SUBJECT Turbine Plants in the Russian Zone

NO. OF PAGES 2 50X1-HUM

PLACE
ACQUIRED

NO. OF ENCLS.
(LISTED BELOW) 50X1-HUM

DATE OF
INFO.

SUPPLEMENT
REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT SO U. S. C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS PAGE IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

50X1-HUM

Turbinenfabrik, Dresden (formerly Brückner und Kanis)

1. The number of employees is estimated to be about 1,000.
2. The following turbines are built:
 - a. Turbo-generators for steam locomotives with an output of 0.5 kilowatts, 2.5 kilowatts, and 5 kilowatts. These develop 3000 revolutions per minute and 25 volts. The respective current in each case is 20, 100, and 200 amperes.
 - b. Small turbines for submarines with an output of 15-20 kilowatts. This work is still expanding.

Görlitzer Turbinenwerke. NUMAG

3. The last large turbine for a power station was delivered to Böhlen in 1939. At present (November 1949) only repairs are carried out; there is no new construction.*
4. Turbines up to 12,000 KVA are occasionally assembled for sugar and starch factories. These turbines are very well designed for utilizing the exhaust factor at such factories and have proved themselves over many years. The generators for this plant are supplied by Garbe-Lahmeyer AG of Aachen.

Siemens, Arnstadt.

5. During the war, part of the turbine assembly work was transferred from Siemensstadt to Arnstadt. At present, turbines are no longer being produced at Arnstadt.

Siemens, Berlin-Siemensstadt

6. No turbines are being produced at these works. The firm's Berlin designing office as well as all turbine assembly work have been moved to Mülheim in the Ruhr where the expert is Herr Jakoby.

CLASSIFICATION SECRET/CONTROL - U.S. OFFICIALS ONLY

[illegible]

CONFIDENTIAL

Declassified in Part - Sanitized Copy Approved for Release 2012/01/10 : CIA-RDP82-00457R004900260008-6

~~CONFIDENTIAL~~

~~SECRET/CONTROL~~ - U.S. OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY

[REDACTED] 50X1-HUM

- 2 -

AEG Turbinenfabrik, Berlin

7. Normal assembly work is hardly possible at this plant since the machines for cutting turbine blades have been dismantled. They were worked so severely by the Russians that further regular use of these delicate tools became impossible.

8. A turbo-generator with an output of 9,000 amperes for the new AEG works at Kassel is under construction. This is a short-circuit plant. The factory is mainly engaged in the supply of spare parts, chiefly for export. At present, five rotors are in operation [REDACTED]

50X1-HUM

9. The development section for large turbines is very busy. Dr. Nimsch is in charge of estimates, Herr Degen in charge of design. [REDACTED]

50X1-HUM

* [REDACTED] Comment: This negative information conflicts with the suggestion in an earlier report that the manufacture of a "large" research gas turbine was under consideration at G6rlitz.

~~SECRET/CONTROL~~ - U.S. OFFICIALS ONLY

~~CONFIDENTIAL~~